ΤÜV

Table 1
TÜV NORD STRASSENVERKEHR GMBH
Vehicle system and traffic guidance
Exhaust gas checking

Exhaust gas	Checking		100				
				NOR	D		
<u> </u>				Strassenverkehr			
					r 14.08.2002		
Test record RL 70/220/EEC in the Order No 2063/02 Vehicle ID WDB9036621R414193 Official No WRM-0602 Manufacturer DC			Fuel dens Distance Test weig Oscillation	ity 0.837 363 k ht 2270			
	225/70 R 15 C Mr Wohlrab Mr Kozlik		Specialist	st Mr Braun			
Oil temperature before test 23°C		23°C	Oil temperature after test		100°C		
Air pressure Room temp. dry Room temp. we	<i>'</i>	1012.7 hPa 22.0°C 17.2°C	rel. humic abs. humi humidity (dity	62% 10.23g/kg air 0.985		
Vmix PDP speed Test distance Power mean val Dilution factor PTS volume PTS removal ter			Phase 1 134.38 m³ 1143 1/min 4094 m 35.45 N 24.766 412.2 dm³ 24.1°C	Phase 2 69.33 m ³ 1143 1/m 7005.2 m 331.08 N 10.597 211.3 dm 25.7°C			
Bag values HCc modal CO NOx CO2	2 8 3	as 1 /pm 21.2 39.5 33.0	Air 1 vpm 3.9 2.0 0.6 500.0	Exhaust gas 2 vpm 27.6 117.1 67.7 12500.0	Air 2 vpm 3.4 0.2 0.5 400.0		
Result	g/Phas	se 1	g/km 1	g/Phase 2	′ g/km 2		
HCc modal CO NOx CO2 Particles	14. 8. 1272.	452 711 808 156 327	0.355 3.593 2.151 310.733 0.324	1.051 10.132 9.270 1652.725 1.525	0.150 1.446 1.323 235.929 8.991		
Consumption C	1/100 kr	n	11.961		8.991		
Overall result	0.226						

0.226 g/km 2.238 g/km 1.629 g/km 263.521 g/km

1.854 g/km 10.0871/100km 0.257 g/km

HCc modal

HCc + NOx Consumption C Particles

CO NOx CO2

TÜV

Table 2 TÜV NORD STRASSENVERKEHR GMBH Vehicle system and traffic guidance Exhaust gas checking

	3				NOR)		
					Strassenvei			
****		 .				r 14.08.2002		
Test record Order No	RL 70/220/EE 2058/02			sion 98/6 Fuel dens	59/EC	kg/dm ³		
Vehicle ID	WDB9036621R209687			Distance 37747 km				
Official No	AUR-EC 97			Test weight 2270 kg				
Manufacturer	DC			Oscillatio		bs 610		
Tyre size	225/70 R 15	225/70 D 15			Coefficients (A=/B=/C=) 9/0/619 Specialist Mr Leiber			
Tester	Mr Wohlrab				. Mi Lei	bei		
Driver	Mr Kozlik							
Comments								
Oil temperatur	e before test	20°C		Oil temperature after test 96°C				
Air pressure		1012.7	hPa	rel. humi	dity	61%		
Room temp. dr	v	21.9°C		abs. hum		10.04g/kg air		
Room temp. w		17.0°C		humidity		0.978		
				·				
Vmiv				se 1	Phase 2			
Vmix PDP speed				.79 m ³	68.4 m ³	: 		
Test distance			1143 1/min 4072.9 m		1143 1/m 6972.4 m	n		
Power mean va	alue			59 N	327.18 N			
Dilution factor			27.3		11.864			
PTS volume			412.3 dm ³		210.3 dm ³	1		
PTS removal te	mperature		23.8	3°C	25°C			
Bag values	Exhaust g	ıas 1		Air 1	Exhaust gas 2	Air 2		
3	_	vpm		vpm	vpm	vpm		
HCc modal		16.7		3.7	18.6	3.0		
CO		83.1		0.8	76.5	0.4		
NOx		30.2		0.4	60.2	0.3		
CO2	48	00.0		400.0	11200.0	400.0		
Result	g/Pha	se 1		g/km 1	g/Phase 2	g/km 2		
HCc modal	1	.113		0.273	0.671	0.096		
CO	14.	14.077		3.456	6.509	0.934		
NOx		8.180		2.008	8.214	1.178		
CO2		1186.014		291.196	1455.375	208.734		
Particles	0.	.283		0.069	0.504	0.072		
Consumption C	1/100 k	m		11.207		7.930		
Overall result								
HCc modal	0.162 g	/km	71.7%	- 28.3%				
CO	1.864 g	/km	83.3%	- 16.7%				
NOx	1.484 g		91% - 9					
CO2			90.9%					
HCc + NOx	1.646 g			- 11.2%				
Consumption C Particles	9.1391/ 0.071 g		0.9% - 27% - 7					
	0.071 g,	, ISILI	21 /U = 1	2.3/0				